

CLAIMS

## WHAT IS CLAIMED IS:

1. A mop bucket and wringer apparatus for wringing liquid from a mop comprising
  - a mop bucket having an open interior terminating in an upwardly facing opening defined by a marginal rim; and
  - a mop wringer including means for selective attachment to the marginal rim of said bucket; said wringer including
    - an upwardly opening for receiving a mop and defined by front, rear, side, and bottom walls at least some of which are provided with passageways to allow liquids to pass therethrough;
    - a pair of pressure jaws;
    - a rack mounting the pressure jaws in a spaced apart horizontal disposition whereby vertical movement of the rack causes relative movement of the pressure jaws toward and away from one another;
    - a pinion affixed to a side wall of said wringer for effecting movement of the rack and the associated pressure jaws; and
    - a spring means normally urging the pinion in a position to cause the pressure jaws to be moved away from one another.

2. The invention defined in Claim 1 wherein at least one of said jaws is provided with apertures extending therethrough.

3. The invention defined in Claim 1 wherein said spring means includes an elongate elastomeric member.

4. The invention defined in Claim 1 wherein said spring means is attached to at least one of the walls and to the pinion.

5. The invention defined in Claim 4 wherein said spring means includes an elongate elastomeric member.

6. The invention defined in Claim 5 wherein said spring means is attached to at least one of the walls and the pinion.

7. The invention defined in Claim 6 wherein the pinion includes a laterally extending support for the spring means.

8. The invention defined in Claim 1 wherein at least one of the side walls is provided with slots for vertical guiding the rack.

9. The invention defined in Claim 1 wherein said bucket is provided with slots for guiding vertical movement of said wringer in respect of said mop bucket.

10. The invention defined in Claim 9 wherein said wringer includes downwardly extending extensions received within the slots.

11. The invention defined in Claim 1 includes a rear wall having a handle formed therein.

12. The invention defined in Claim 1 includes a front wall having a curved portion forming a pouring spout.

13. The invention defined in Claim 1 includes a hook for attaching said bucket to a toilet or sink basin.

14. The invention defined in Claim 1 includes a stepped bottom wall.

15. The invention defined in Claim 1 wherein said bucket includes side walls with corners, thereby allowing thinner wall sections and retaining strength.

16. The invention defined in Claim 1 wherein a seal is formed by said bucket and said wringer, said seal preventing liquid from exiting therebetween.

17. The invention defined in Claim 1 wherein said wringer sits on three sides of said bucket.

18. A mop bucket and wringer apparatus for wringing liquid from a mop comprising:

    a mop bucket having an open interior terminating in an upwardly facing opening defined by a marginal rim; and

    a mop wringer including means for selective attachment to the marginal rim of said bucket; said wringer including:

        an upwardly opening for receiving a mop and defined by front, rear, side, and bottom walls at least some of which are provided with passageways to allow liquids to pass therethrough;

        at least one pressure plate;

        a linkage means mounting the pressure plate in a substantially vertical disposition whereby horizontal movement of the linkage means causes relative movement of the pressure plate toward the front wall of said wringer; and

        a spring means normally urging the pressure plate in a substantially vertical position.